

What is claimed is:

1. An non-lanolin absorption base comprising a white petrolatum and an effective amount of methyl glucose dioleate.
2. The base of claim 1, wherein a weight percentage of the methyl glucose dioleate based on the total weight of the base is up to 20.0%.
3. The base of claims 1 or 2, further comprising a preservative system added to the base.
4. The base of claim 3, further including an effective amount of water.
5. The base of claims 1-4, further including an effective amount of hydrocortisone or hydrocortisone salts.
6. A method of making an absorption base comprising:
  - a) heating white petrolatum up to 80°C; and
  - b) adding an effective amount of methyl glucose dioleate to the white petrolatum and mixing the two components together to form the absorption base.
7. The method of claim 6, further comprising adding a preservative system to the absorption base to form a preservative system-containing absorption base.
8. The method of claim 7, further comprising diluting the preservative system-containing absorption base with water preheated to up to 50°C to form an emulsified absorption base.
9. The method of claims 6-8, further including adding an effective amount of a hydrocortisone or a hydrocortisone salt to the base.
10. A non-lanolin based absorption base comprising a white petrolatum and an effective amount of a non-lanolin based emulsifier that fall within the range of 3 HLB units of the HLB value of petrolatum (HLB 4).
11. The base of claim 10, wherein the emulsifier is a glucose-derived emulsifier.
12. The base of claim 11, wherein the emulsifier is methyl glucose dioleate.
13. The base of claim 12, wherein the emulsifier has a concentration range in the base of between 0.5 and 20% by weight.
14. The base of claim 10, further comprising a preservative system added to the base.

15. The base of claims 10-14, further including an effective amount of water.

16. The base of claims 10-15, further including an effective amount of hydrocortisone or hydrocortisone salts.

17. A method of making an absorption base comprising:

a) heating white petrolatum up to 80°C; and

b) adding an effective amount of the emulsifier of claim 10 to the white petrolatum and mixing the two components together to form the absorption base.

18. The method of claim 17, further comprising adding a preservative system to the absorption base to form a preservative system-containing absorption base.

19. The method of claim 18, further comprising diluting the preservative system-containing absorption base with water preheated to up to 50°C to form an emulsified absorption base.

20. The method of claims 17-19, further including adding an effective amount of a hydrocortisone or a hydrocortisone salt to the base.

21. The method or base of claims 3, 7, 14, and 18 wherein the preservative system is DMDM hydantoin (and ) Iodo propynyl butyl carbamate.